

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 0 852 037 B1

(12)

EUROPEAN PATENT SPECIFICATION

(45) Date of publication and mention
of the grant of the patent:
01.12.1999 Bulletin 1999/48

(51) Int Cl.⁶: **G06F 17/22**

(86) International application number:
PCT/US96/14667

(21) Application number: **96935813.4**

(87) International publication number:
WO 97/10556 (20.03.1997 Gazette 1997/13)

(22) Date of filing: **13.09.1996**

(54) **UNICODE CONVERTER**
UNICODE-WANDLER
TRANSCODEUR UNICODE

(84) Designated Contracting States:
DE FR GB

(56) References cited:
US-A- 5 309 358

(30) Priority: **13.09.1995 US 527438**
13.09.1995 US 527827
13.09.1995 US 527837
13.09.1995 US 527831

(43) Date of publication of application:
08.07.1998 Bulletin 1998/28

(73) Proprietor: **APPLE COMPUTER, INC.**
Cupertino, CA 95014 (US)

(72) Inventors:
• **EDBERG, Peter, K.**
Eugene, OR 97403 (US)
• **McCONNELL, John, I.**
Menlo Park, CA 94025 (US)
• **TANG, Yung-Fong, Frank**
Sunnyvale, CA 94082 (US)
• **DANIELS, Andrew, M.**
Menlo Park, CA 94025 (US)

(74) Representative: **Le Forestier, Eric et al**
Cabinet Regimbeau,
26, avenue Kléber
75116 Paris (FR)

- **OBJECTS IN EUROPE**, vol. 2, no. 4, July 1995, pages 14, 16/17, 22-24, XP000565458 M. DAVIS ET AL: "International Support in Applications and Systems Software: Part Two"
- **PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN, AND CYBERNETICS**, LOS ANGELES, 4 - 7 November 1990, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, pages 499-504, XP000215394 M. DAVIS ET AL: "Unicode"
- **IBM TECHNICAL DISCLOSURE BULLETIN**, vol. 37, no. 11, 1 November 1994, pages 11-14, XP000487148 "Validation of Double-Byte Character Sets Text for Prompting in a Language-Sensitive Editing System"
- **IBM TECHNICAL DISCLOSURE BULLETIN**, vol. 35, no. 5, 1 October 1992, ARMONK, US, page 273, XP000312973 "Technique to Provide NLS Code Page Conversion with Roundtrip Fidelity"

Note: Within nine months from the publication of the mention of the grant of the European patent, any person may give notice to the European Patent Office of opposition to the European patent granted. Notice of opposition shall be filed in a written reasoned statement. It shall not be deemed to have been filed until the opposition fee has been paid (Art. 99(1) European Patent Convention).

